



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: February 28, 2006

TO: Mayor and Councilmembers

FROM: Creeks Division, Parks and Recreation Department

SUBJECT: Amendment to Agreement No. 21,709 with WRC Consulting Services, Inc., For The Las Positas Storm Water Management Project

RECOMMENDATION: That Council:

- A. Approve and authorize the Parks and Recreation Director to execute an amendment to Professional Services Contract No. 21,709 in an amount not to exceed \$32,922 for WRC Consulting Services, Inc. (WRC) to provide preliminary designs and technical studies for the Las Positas Storm Water Management Project; and
- B. Authorize the Parks and Recreation Director to increase the contract for these services by 10 percent, or \$3,292, if additional services are needed to meet the project objectives.

DISCUSSION:

Executive Summary

WRC recently completed a feasibility study and detailed concept plans for the Las Positas Storm Water Management Project at the Santa Barbara Golf Club. Due to the potential benefits of the project, the Creeks Division seeks to move forward and submit plans for environmental review and permitting. The purpose of the change order is to have WRC prepare preliminary design plans and technical studies required for environmental review and permitting.

Background

The primary purpose of the Las Positas Storm Water Management Project is to detain and treat storm water and incidental runoff at the Santa Barbara Golf Club in order to improve water quality downstream in Las Positas Creek, the Arroyo Burro Estuary, and Arroyo Burro Beach. The secondary purpose is to reduce peak storm flows in order to facilitate

REVIEWED BY: _____ Finance _____ Attorney

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| Agenda Item No. _____ |
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Council Agenda Report

Amendment to Agreement No. 21,709 with WRC Consulting Services, Inc., For The Las Positas Storm Water Management Project

February 28, 2006

Page 2

the installation of downstream creek restoration and/or water quality treatment projects. Additional goals are to address runoff from the San Jose neighborhood, address runoff and erosion from Adams School, and provide natural landscape elements on the golf course. Underlying the project goals is the need to maintain playability and aesthetic standards at the Golf Club.

Extensive water quality monitoring of Las Positas Creek and Arroyo Burro Creek by the Creeks Division indicates concentrations of fecal indicator bacteria that exceed the recreational contact standards. As one of the few large open areas owned by the City, the Golf Club has the potential to serve as a site for detention and treatment facilities for polluted urban and storm water runoff. This facility may reduce downstream pollution in Arroyo Burro Creek and contribute to the City's long-term efforts to reduce creek pollution and improve ocean water quality at the beach.

The Santa Barbara Golf Club, located at the top of the Las Positas Creek watershed, receives storm water and urban runoff from Adams Elementary School, a portion of the Samarkand neighborhood, and Las Positas Road at its eastern boundary. Storm water and urban runoff from the San Jose Lane neighborhood to the west is conveyed via a pipe under the golf course's driving range before discharging onto Stevens Road. Storm water on the golf course is conveyed by sheet flow to 1 of 3 major drainage areas. Two of the areas lead to storm drains at the southern end of the golf course, which then pass under Earl Warren Showground and enter Las Positas Creek south of Highway 101. The third area leads into the storm drain system at Calle Real, which is then conveyed under Highway 101 to Las Positas Creek.

Feasibility Study Results

In May 2005, Council approved a contract in the amount of \$44,950 for WRC to conduct a feasibility analysis and provide a concept plan for the project. The analysis included a review of initial concept work, detailed conveyance and detention studies, construction cost estimates, landscaping palettes, and water quality performance predictions.

The detailed concept plans developed by WRC include a combination of detention basins, bioswales, pocket wetlands, erosion control, runoff diversion pipes, and native plant landscaping. The proposed project demonstrates the potential to reduce peak runoff volumes during 100-year storm events by over 50 percent. During smaller events, i.e., up to 10-year storm events, the proposed project demonstrates the potential to detain and treat nearly 100 percent of the runoff. Depending on how long storm water is held in the basins during smaller events, WRC estimates that up to 90 percent of sediment and associated pollutants could be removed during detention.

Preliminary Design Scope of Work

Council Agenda Report

Amendment to Agreement No. 21,709 with WRC Consulting Services, Inc., For The Las Positas Storm Water Management Project

February 28, 2006

Page 3

Due to the potential benefits of the project, the Creeks Division is recommending that WRC prepare the preliminary design plans and technical studies required for environmental review and permitting. The cost to complete the proposed work is \$32,922. The scope of work includes preparation of a landscaping plan, additional grading calculations, amendments to the concept plans, and a written project description. Technical studies include geotechnical field testing and biology review. On November 16, 2005, the Creeks Advisory Committee concurred (8/0) with the staff recommendation to move forward with preliminary design and technical studies.

WRC was previously selected to prepare the feasibility study and conceptual plans through a competitive Request for Proposal process. During the preparation of the concept plans and the feasibility study, WRC demonstrated the ability to complete complex tasks in a timely manner, optimize project performance while minimizing estimated construction costs, and communicate clearly with City staff and the public. Therefore, the Creeks Division recommends that WRC prepare the preliminary plans, technical studies, and project description.

Timeline

It is anticipated that the preliminary design and technical studies will be completed within 7 weeks of the contract award date. Environmental review and permitting would begin in summer 2006. Once complete, final designs and construction specifications would be prepared, and project construction could begin in spring or summer 2007.

BUDGET/FINANCIAL INFORMATION:

The cost for completing preliminary design, technical studies, and project description is \$32,922. With a change order authorization of 10 percent (\$3,292), the total cost would be \$36,214. Change order funds may be needed if City's Environmental Analyst requires additional information to review the project. Combined with the cost to prepare the feasibility study and conceptual plans (\$44,950), the total design contract with WRC would be \$81,164. Funds for project design are encumbered in the Fiscal Year 2006 Creeks Division Capital Program.

The Creeks Division will be working with the Golf Division and Santa Barbara School Districts to identify cost sharing opportunities for project construction. Preliminary estimates based on the conceptual design indicate that project construction costs could be \$850,000. The construction cost estimate will be further refined with the completion of the preliminary design and permitting. The Creeks Division will also seek matching grant funds for project construction.

PREPARED BY: Jill E. Zachary, Creeks Restoration/Clean Water Manager/jm

Council Agenda Report
Amendment to Agreement No. 21,709 with WRC Consulting Services, Inc., For The Las
Positas Storm Water Management Project
February 28, 2006
Page 4

SUBMITTED BY: Nancy L. Rapp, Parks and Recreation Director

APPROVED BY: City Administrator's Office